

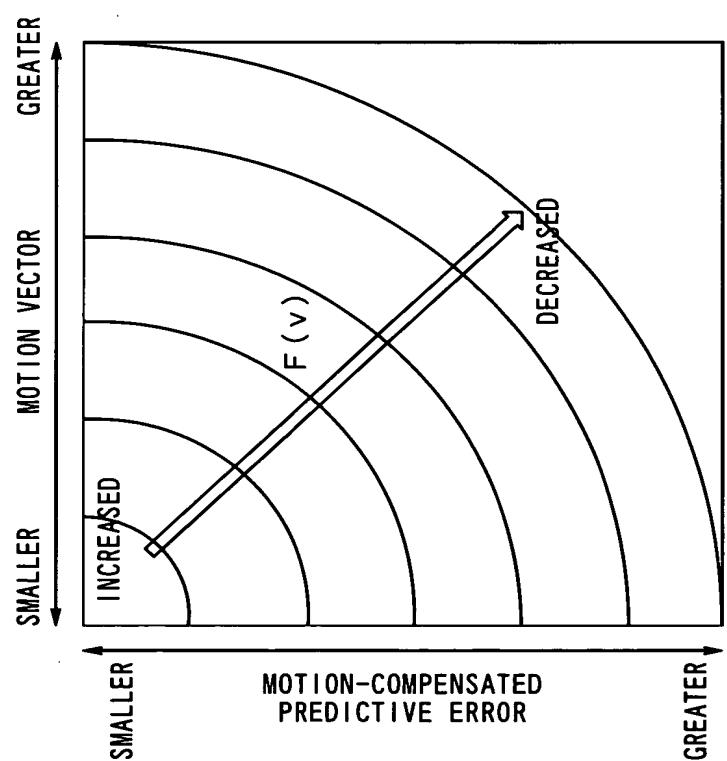
FIG. 1

$F = F(v) + F(e)$

F : DIRECTION FOR CONTROLLING THE NUMBER OF REPEATED B PICTURES

$F(v)$: DIRECTION FOR CONTROLLING THE NUMBER OF REPEATED B PICTURES DETERMINED FROM RELATION DIAGRAM Z1

$F(e)$: DIRECTION FOR CONTROLLING THE NUMBER OF REPEATED B PICTURES DETERMINED FROM INEQUALITY Z2



Z1 RELATION DIAGRAM

FIG. 2

$F(e) = \text{INCREASE: } \frac{\text{DIFFERENCE VALUE}}{Z2} > \text{THRESHOLD}$

$F(e) = \text{DECREASE: } \frac{\text{DIFFERENCE VALUE}}{Z2} < \text{THRESHOLD}$

DIFFERENCE VALUE (= INTERFRAME DIFFERENCE - MOTION-COMPENSATED PREDICTIVE ERROR)

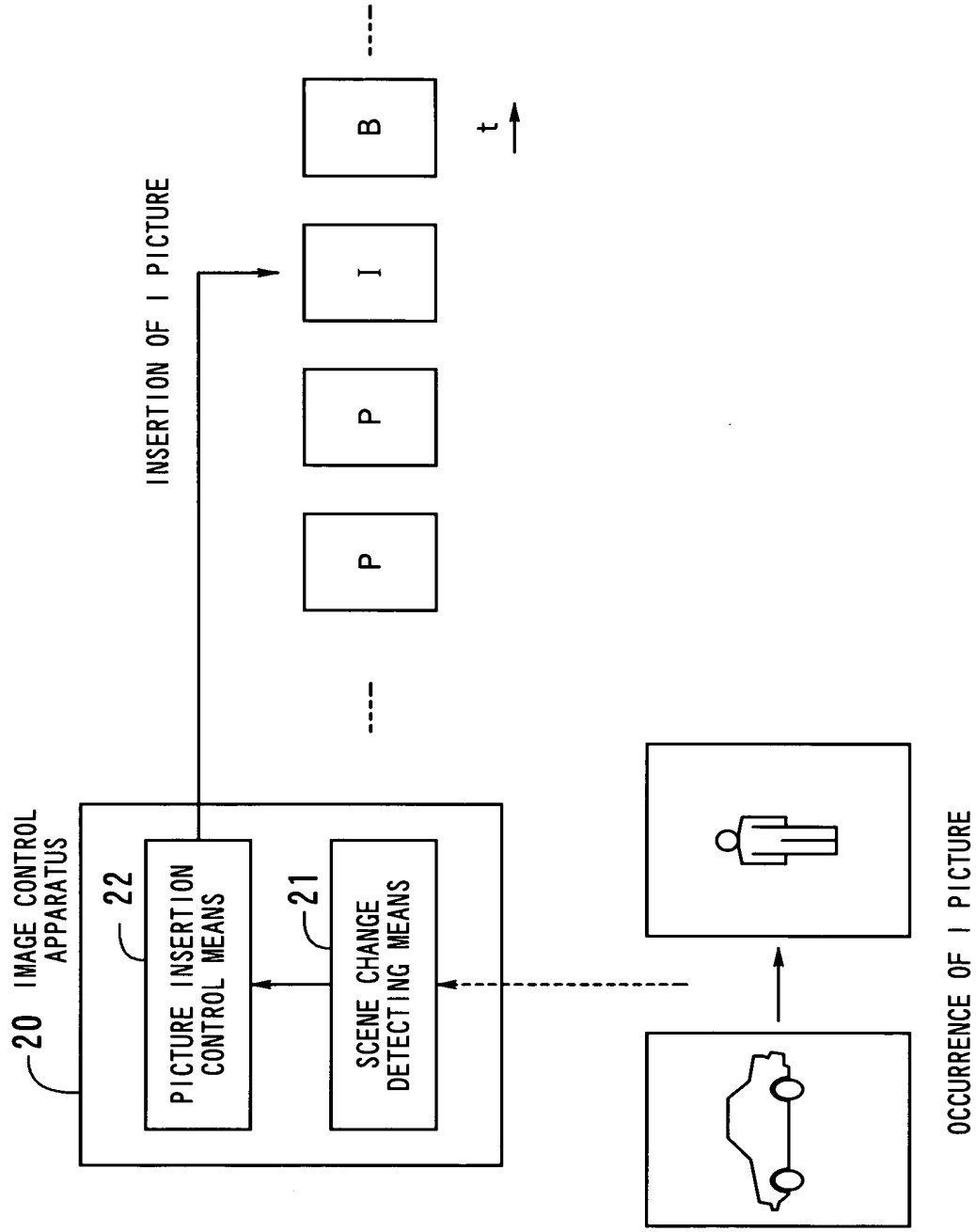


FIG. 3

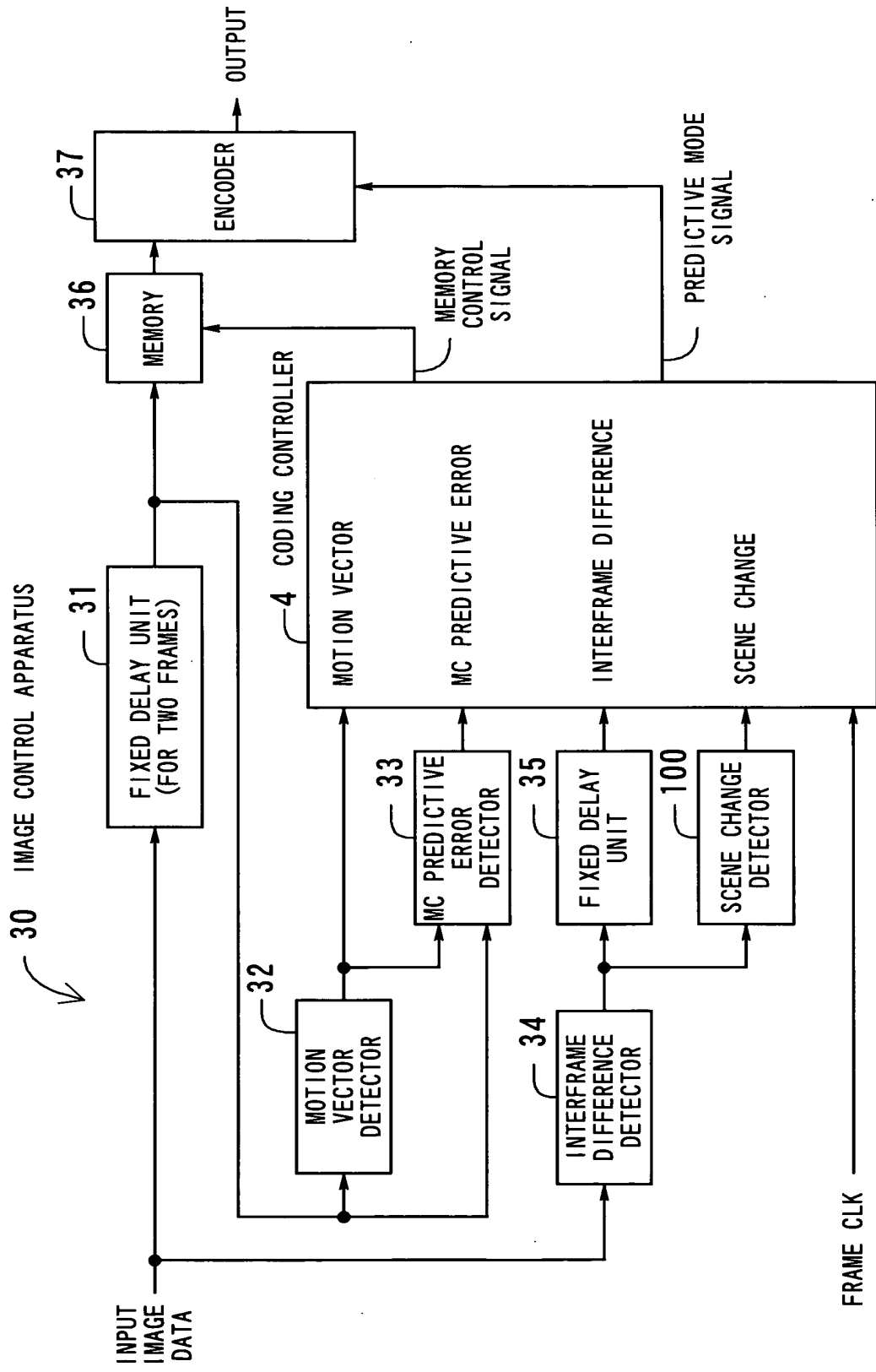


FIG. 4

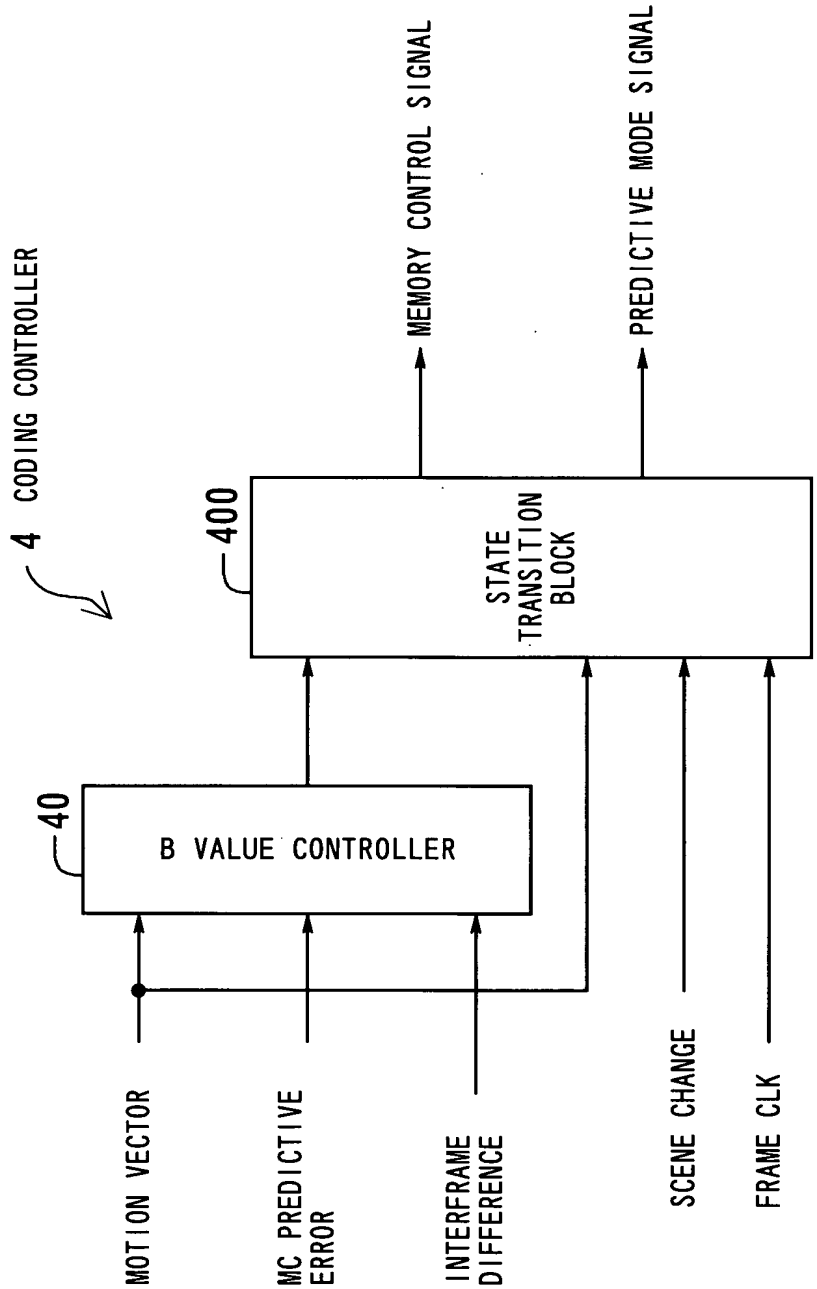


FIG. 5

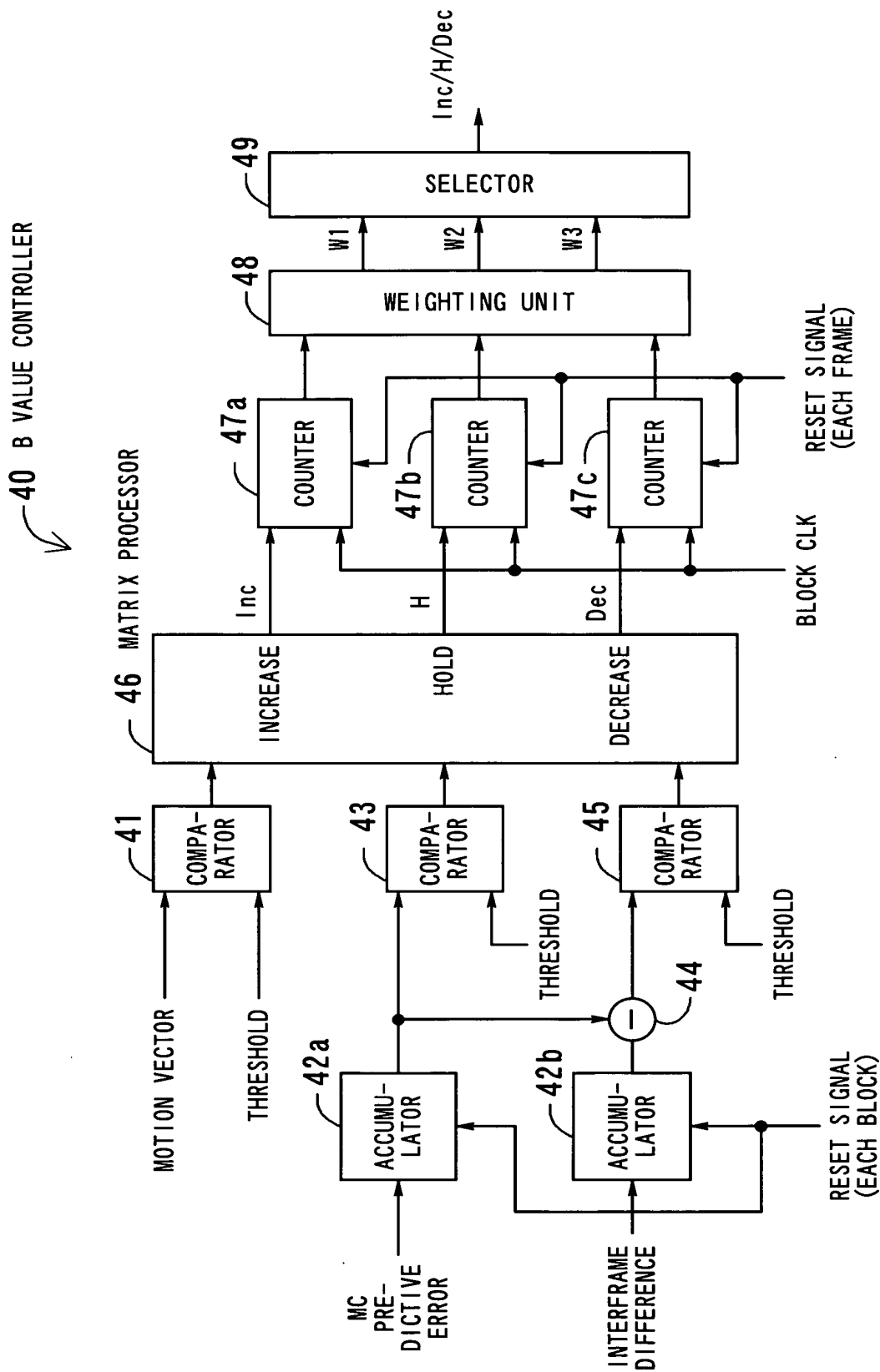


FIG. 6

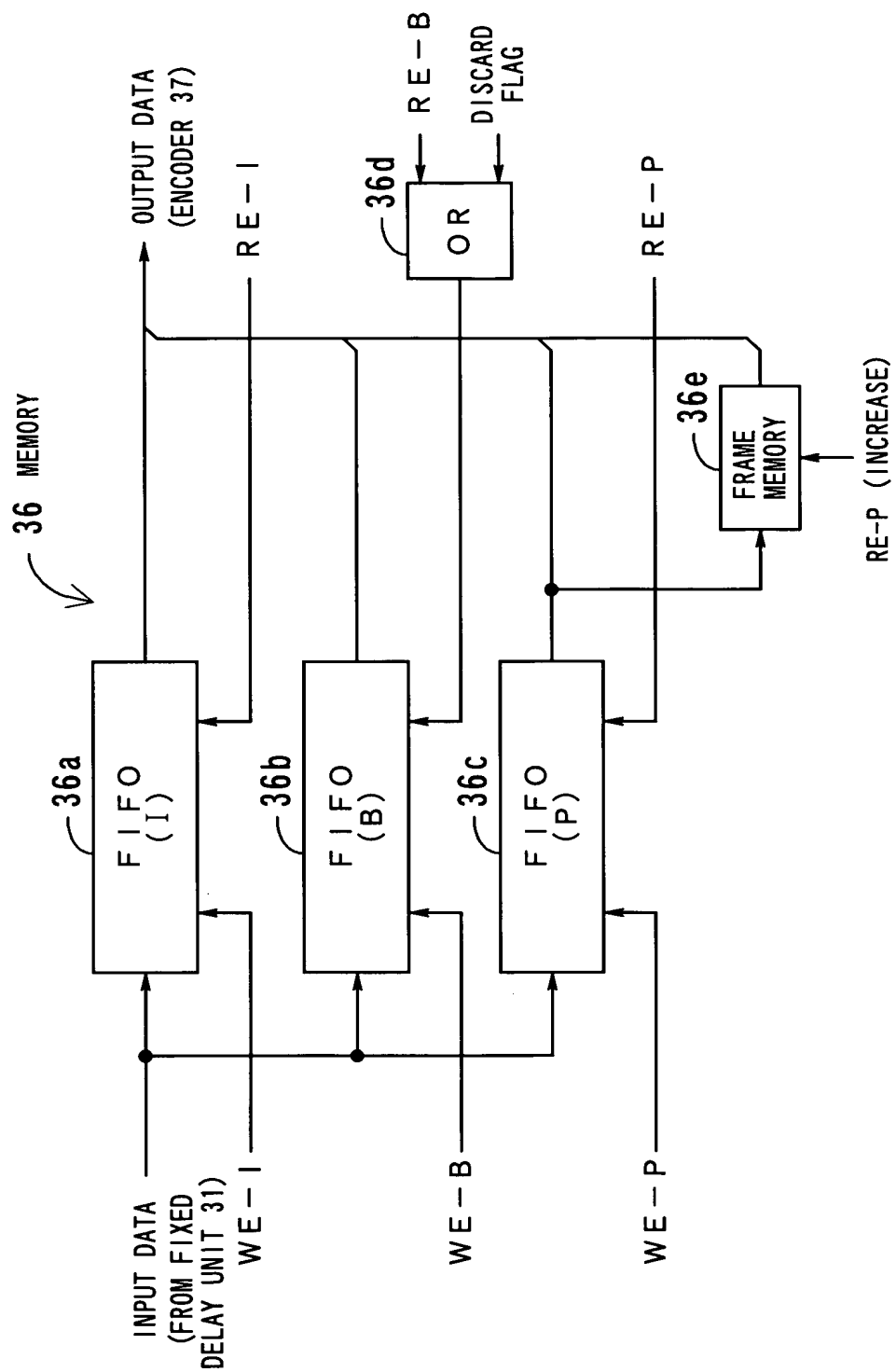


FIG. 7

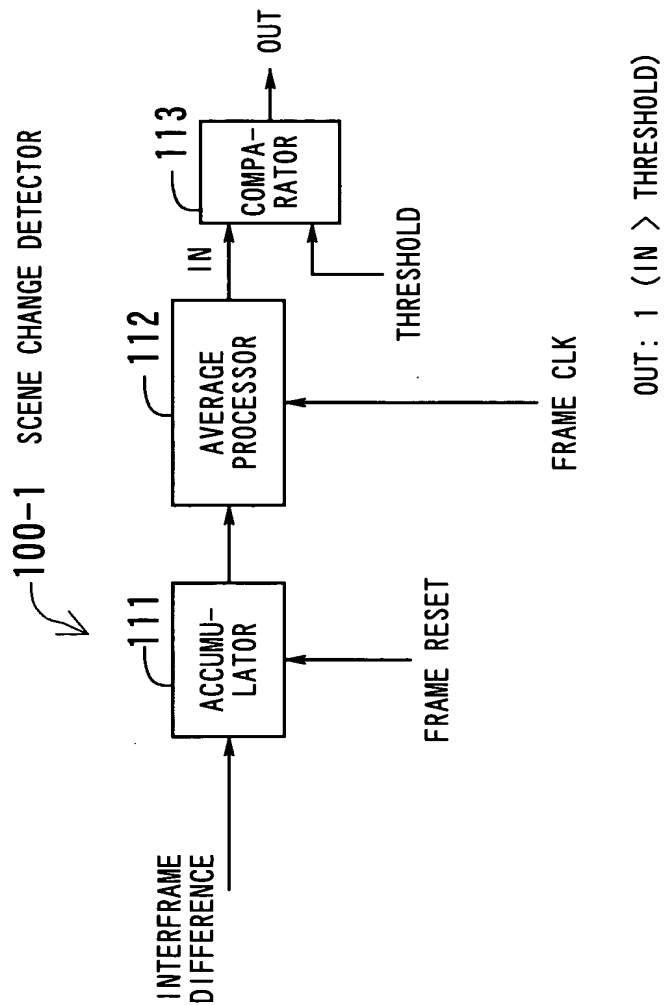
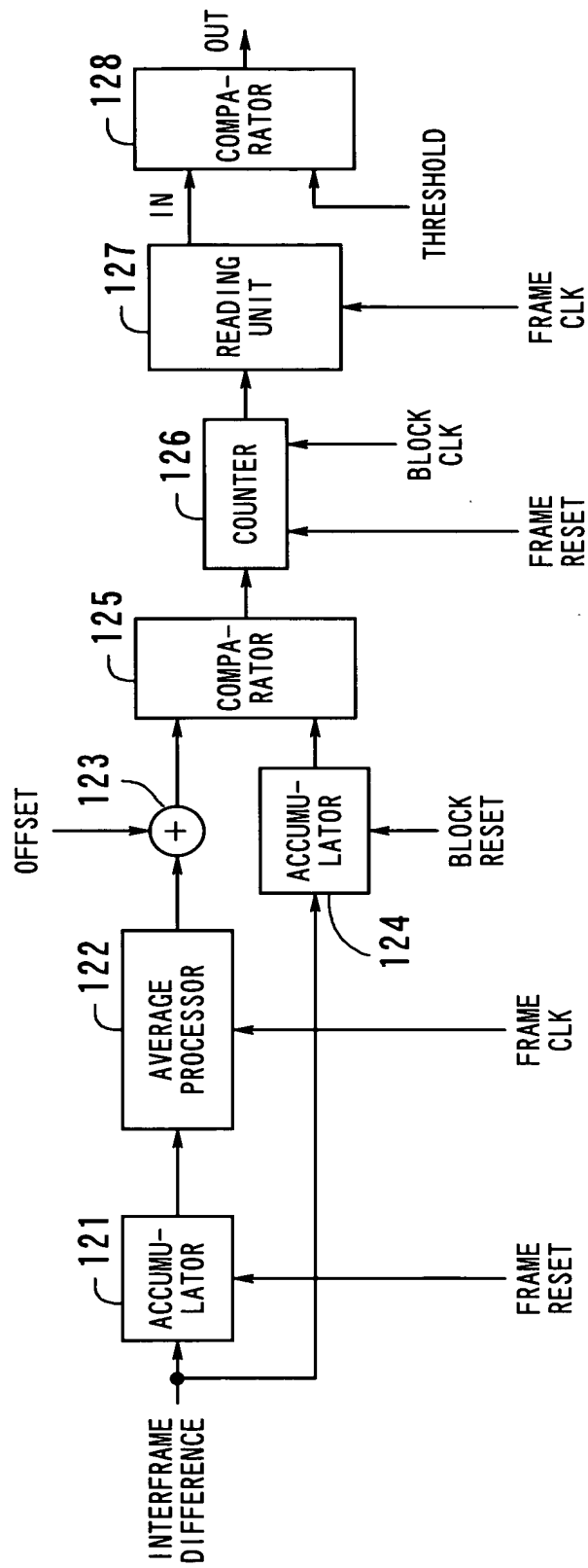


FIG. 9

100-2 SCENE CHANGE DETECTOR



OUT: 1 (IN > THRESHOLD)

FIG. 10

100-3 SCENE CHANGE DETECTOR

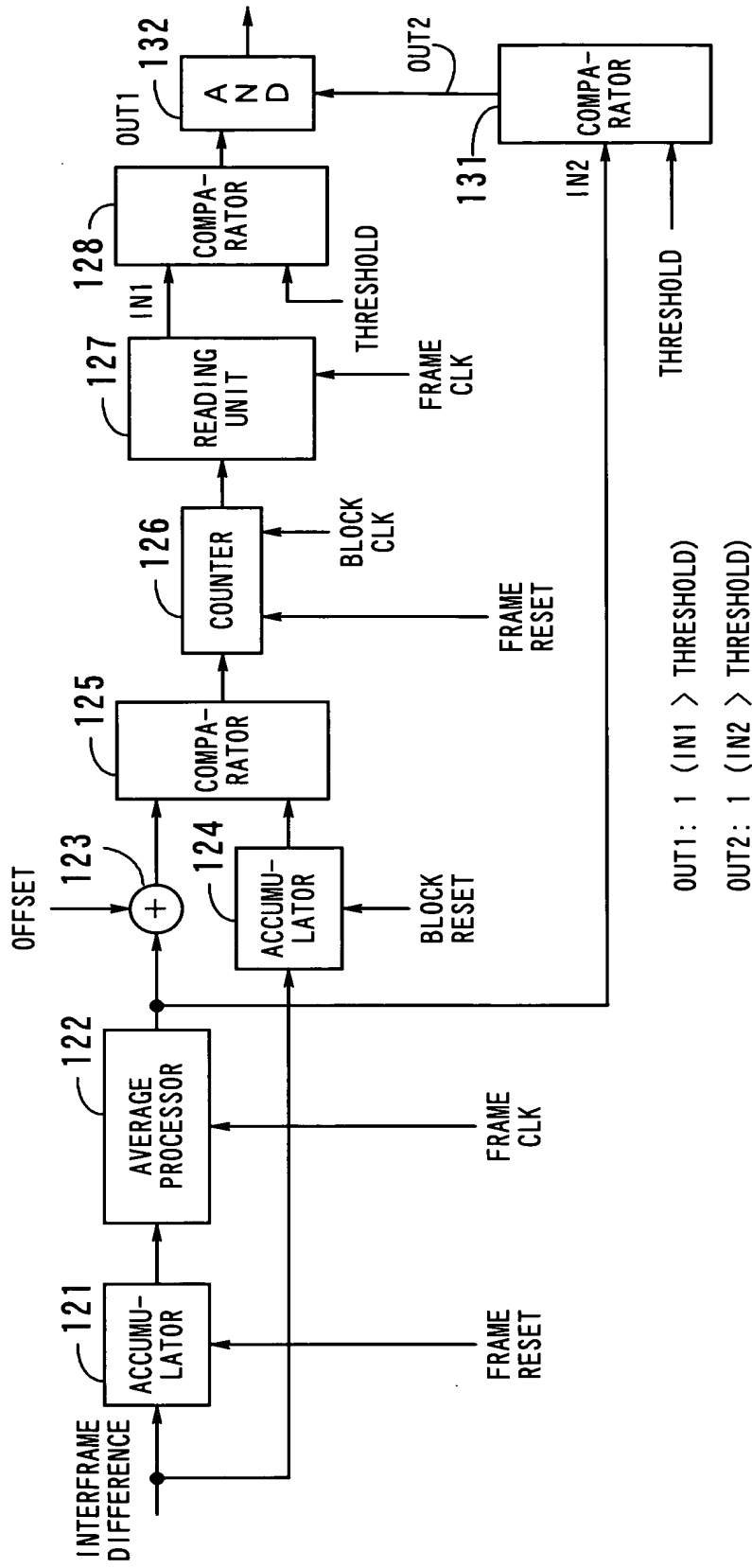


FIG. 11

100-4 SCENE CHANGE DETECTOR

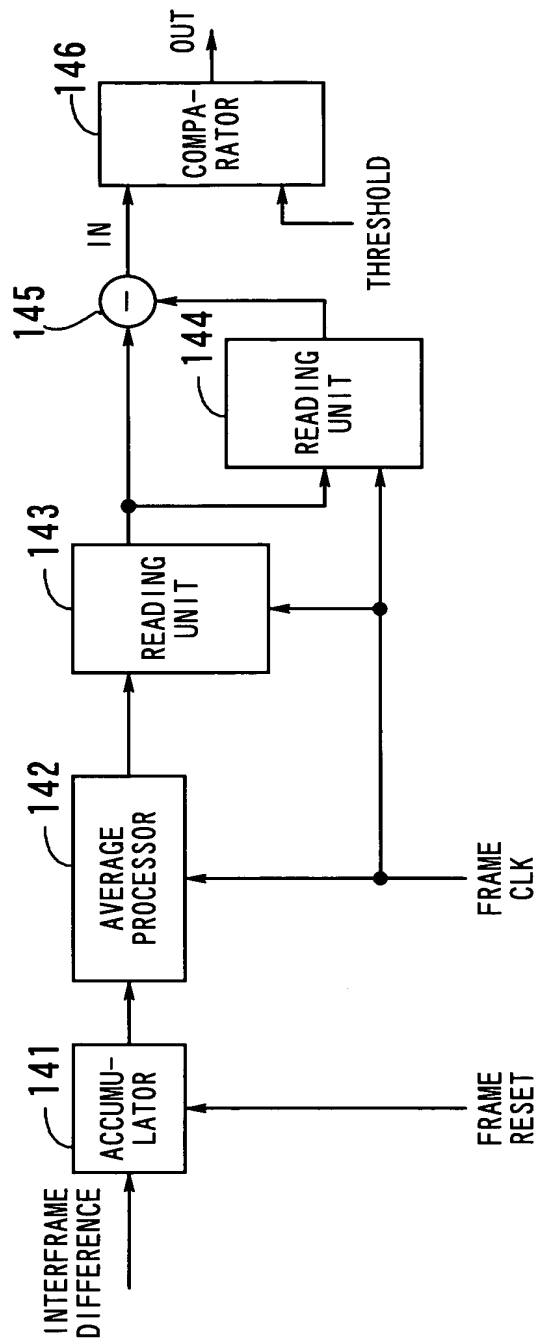


FIG. 12

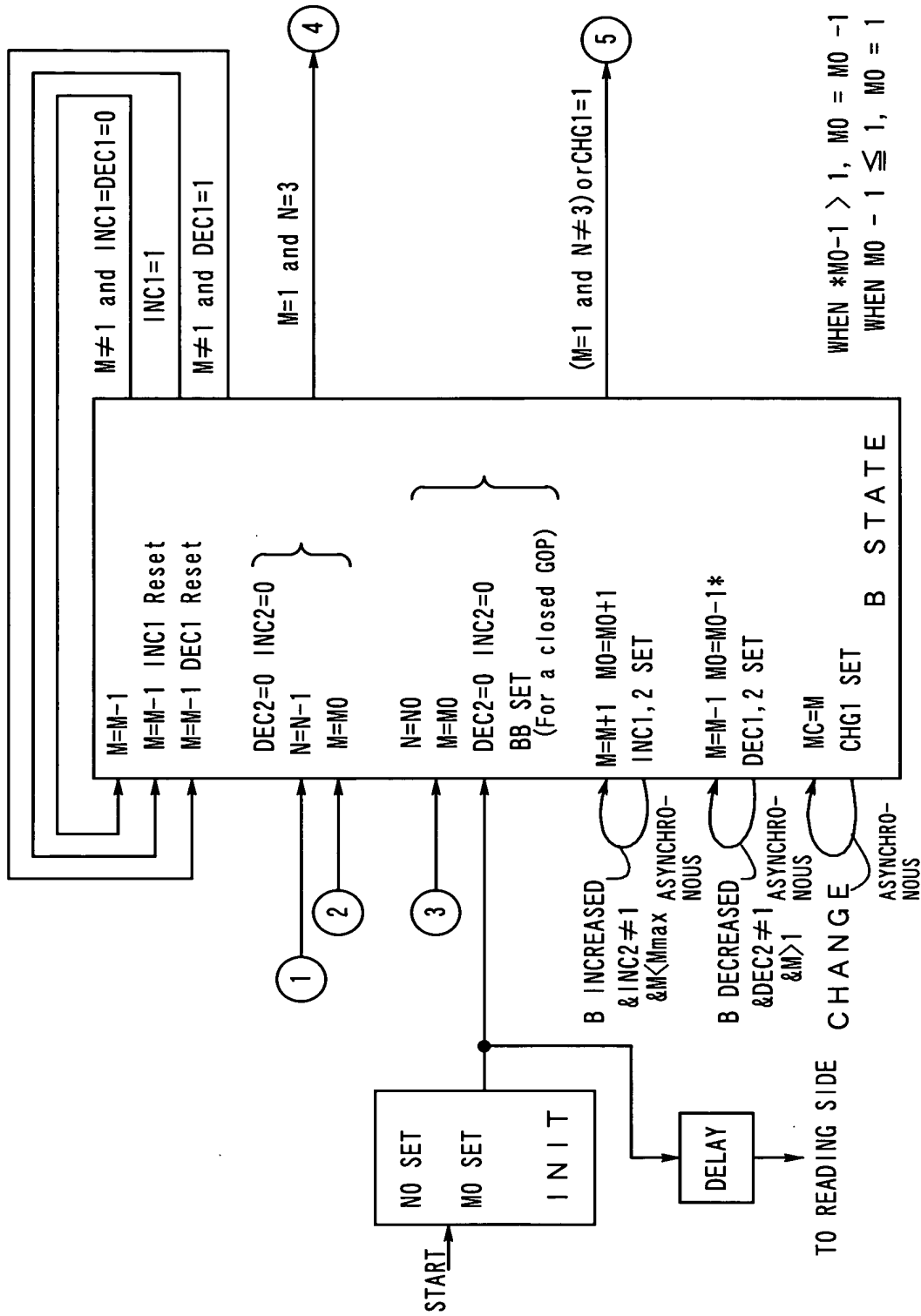


FIG. 14

WHEN *M0-1 > 1, M0 = M0 - 1
WHEN M0 - 1 ≤ 1, M0 = 1

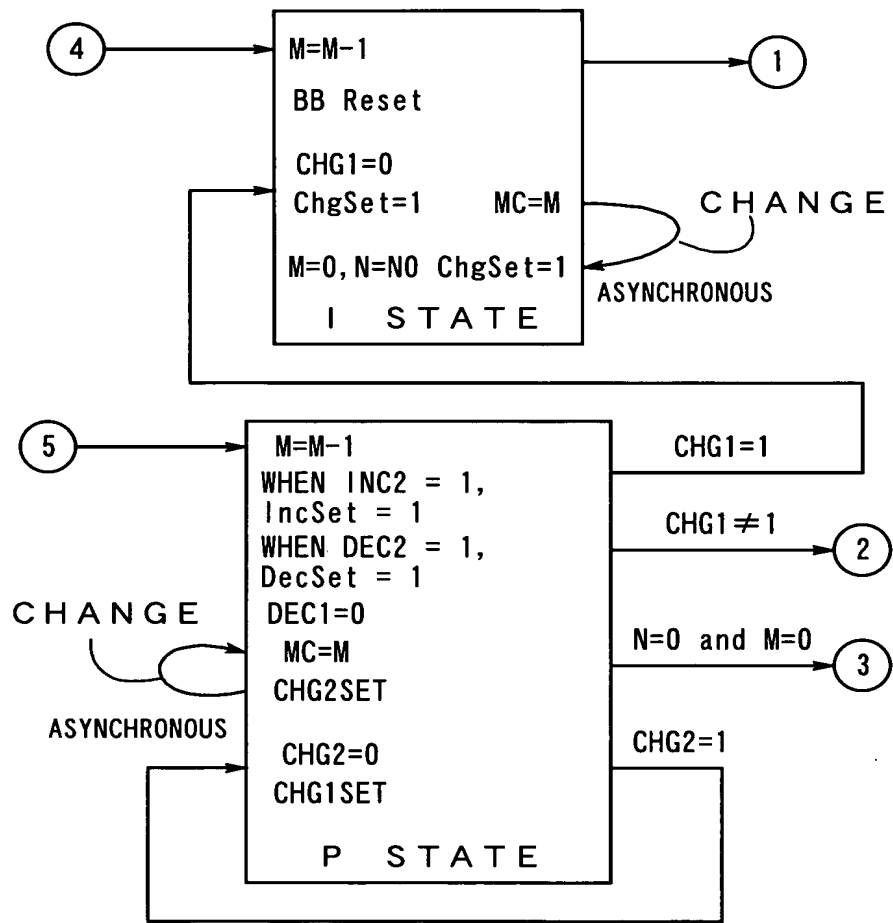


FIG. 15

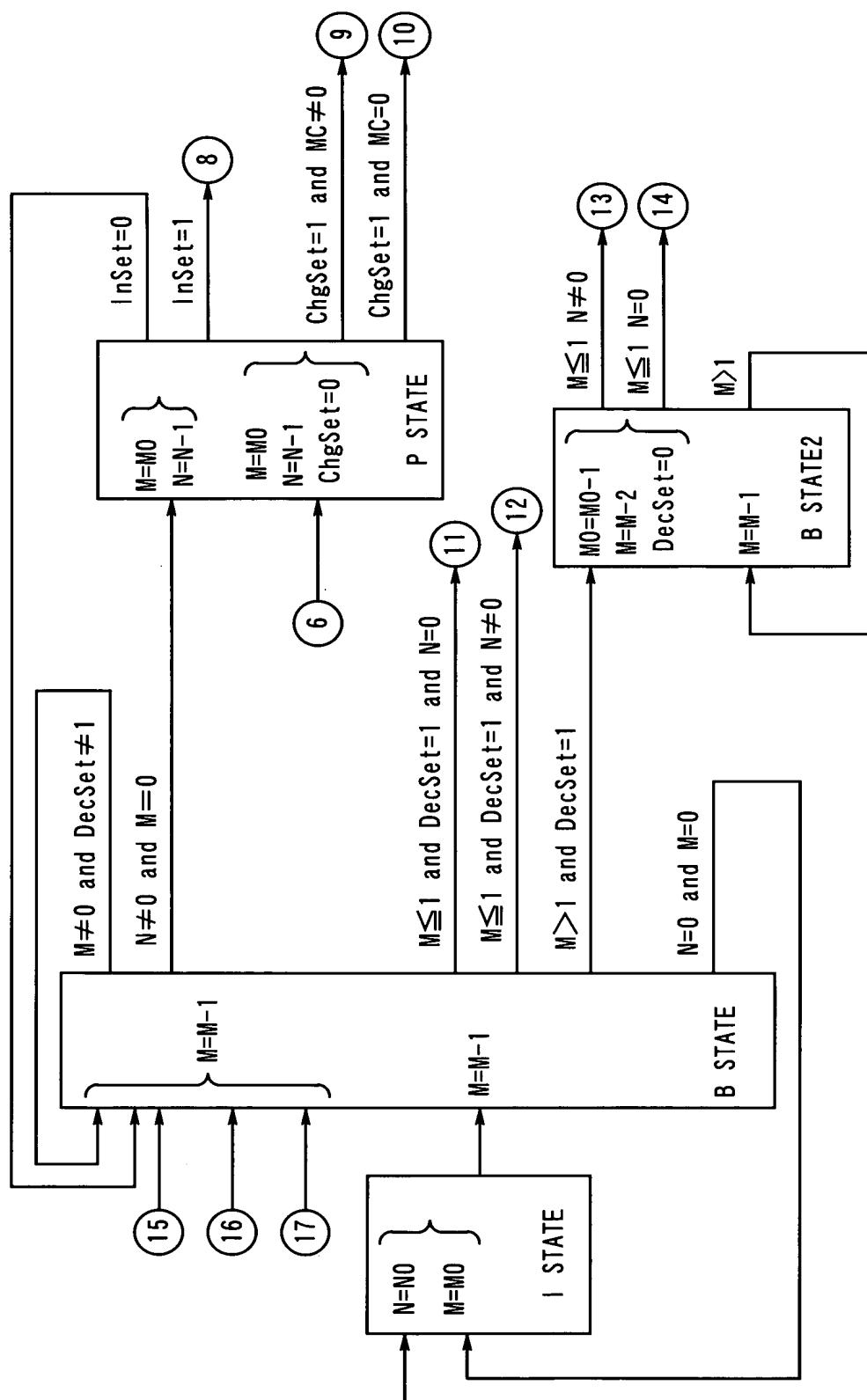


FIG. 16

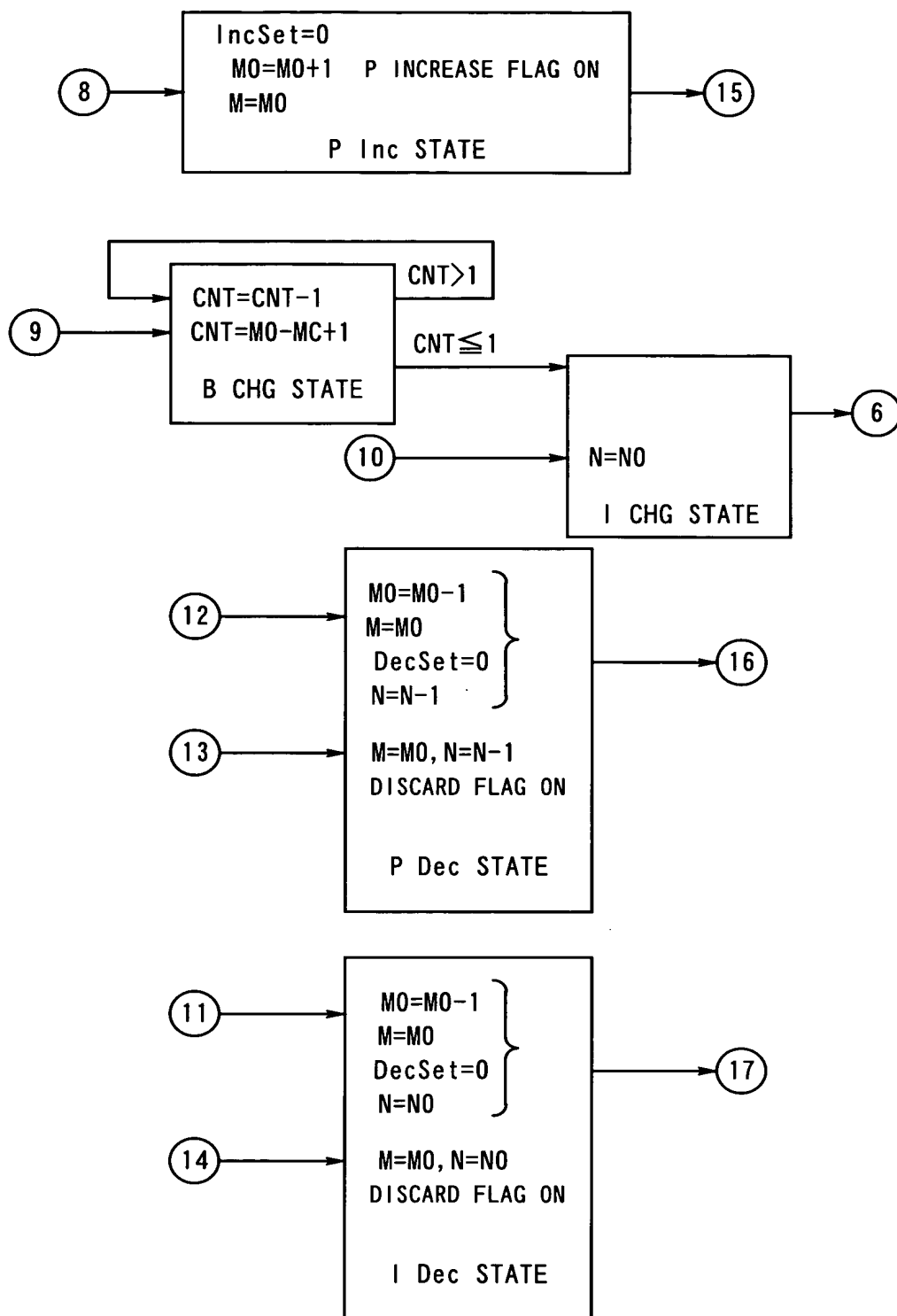


FIG. 17

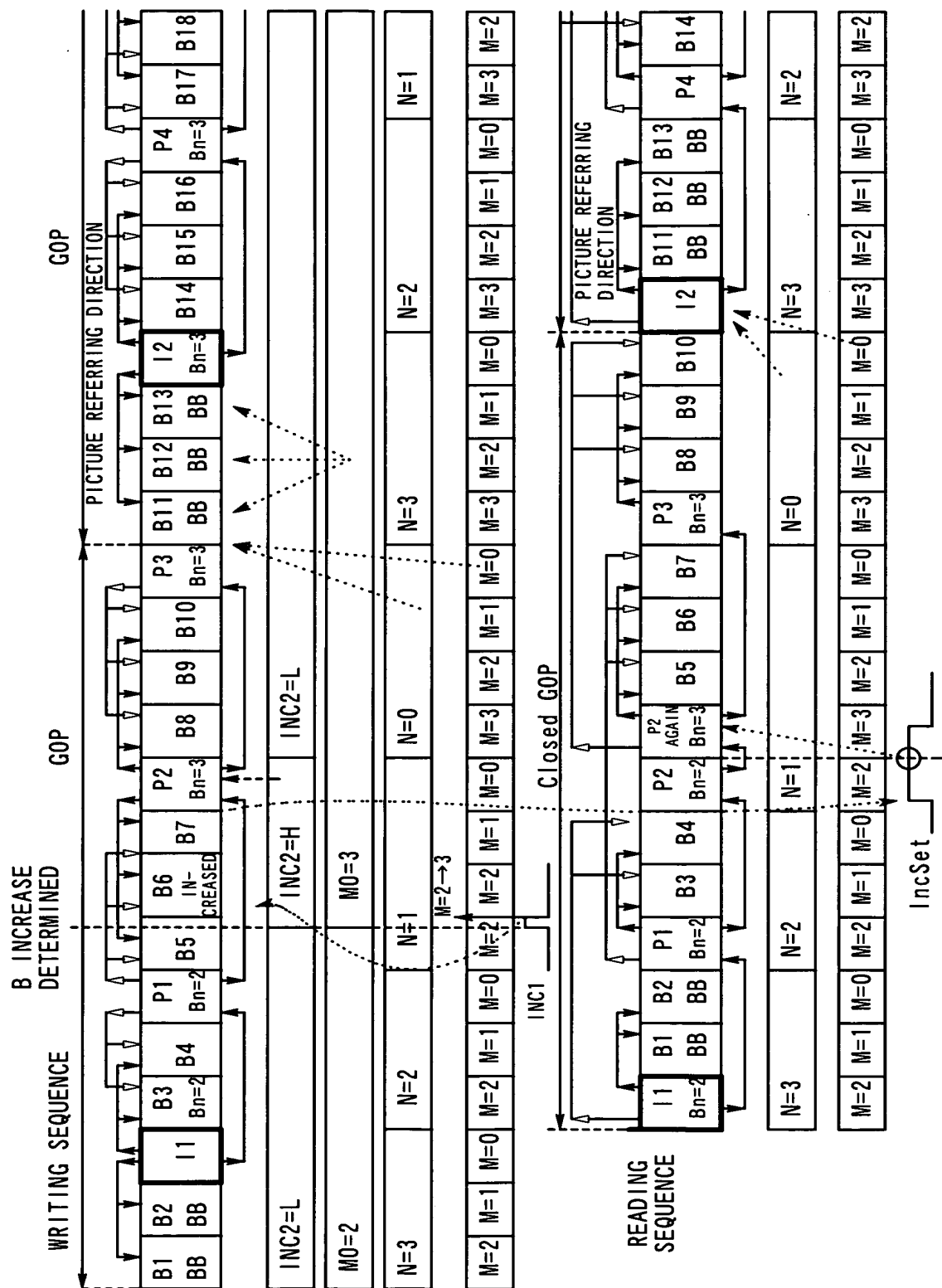


FIG. 18



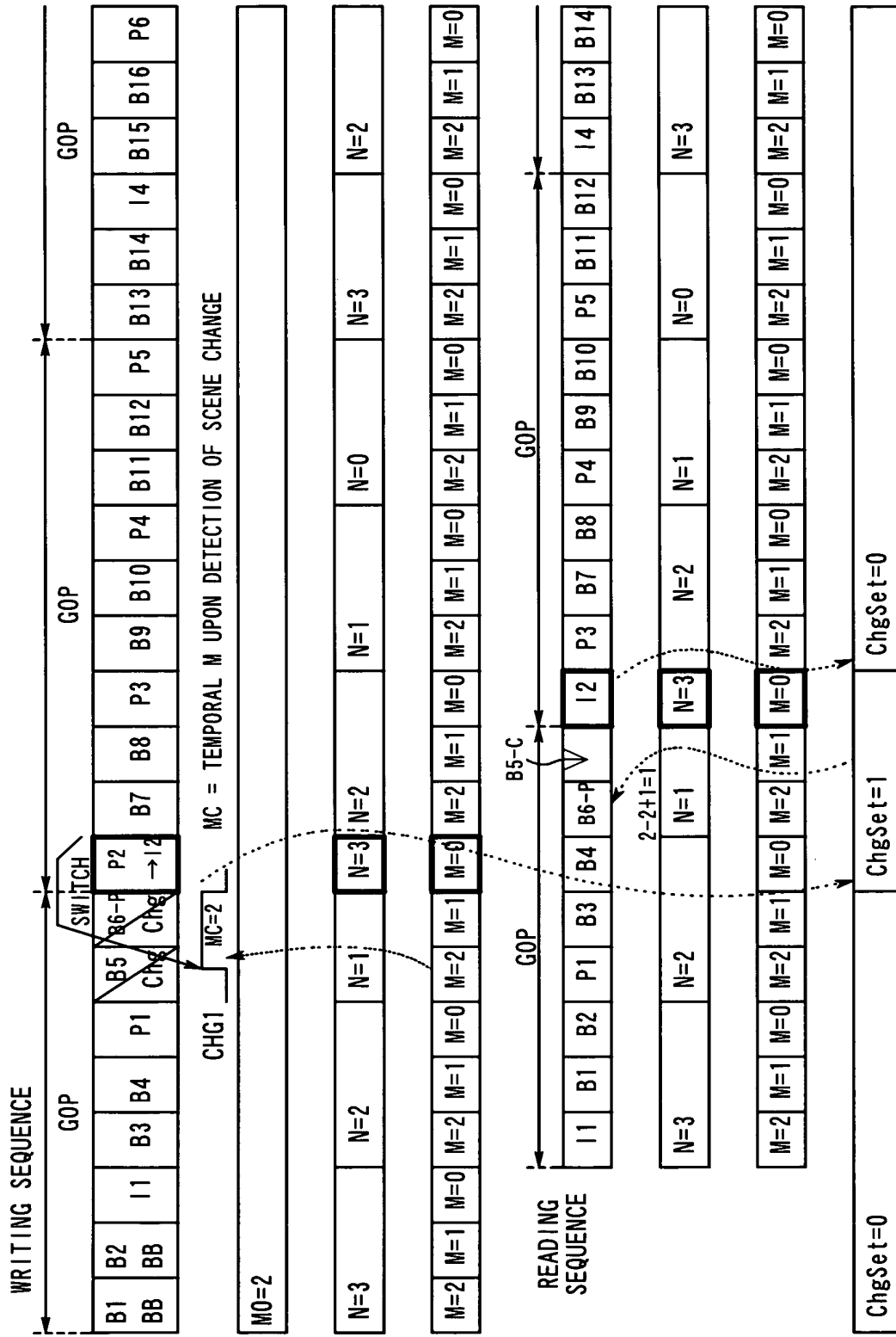


FIG. 20

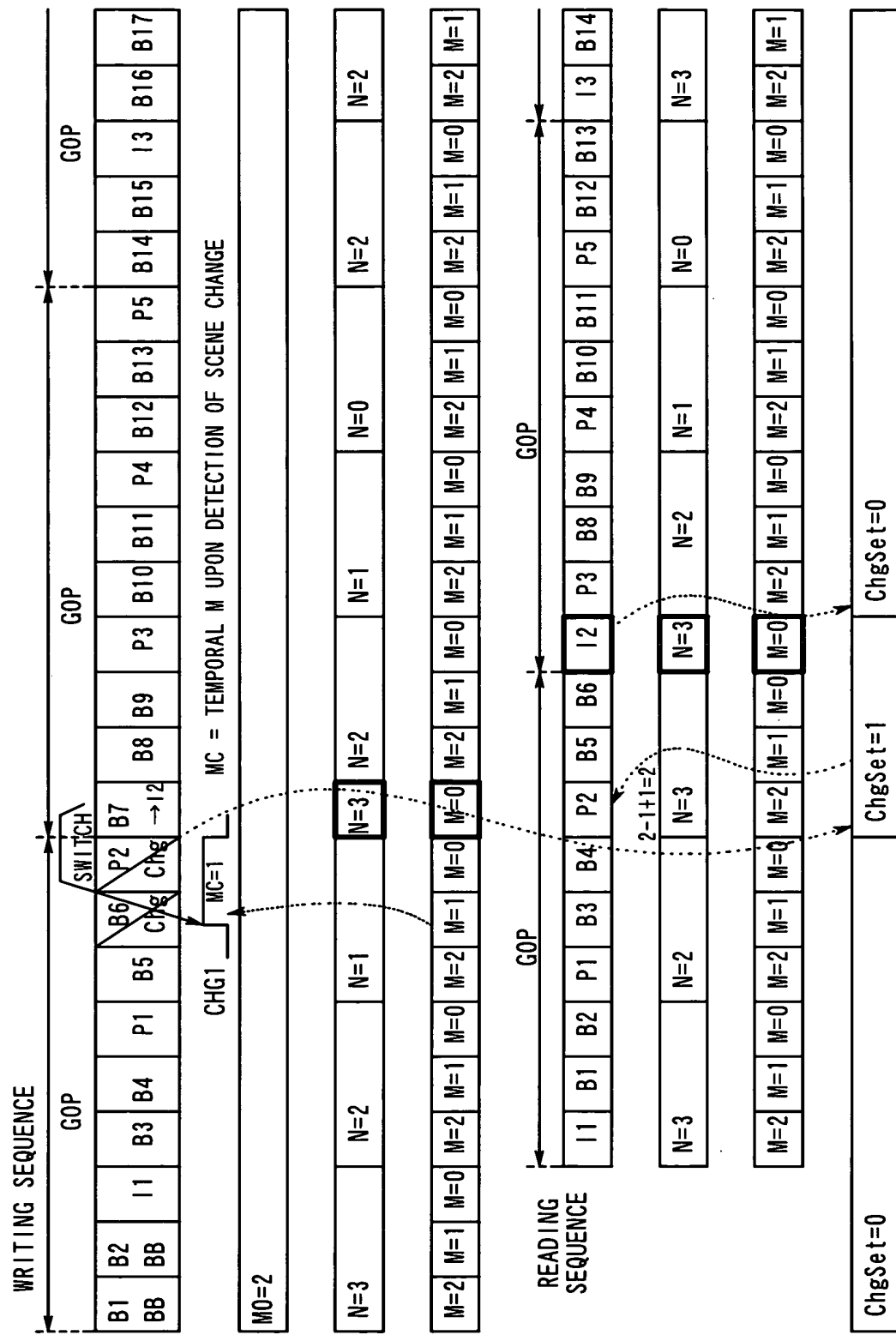


FIG. 21

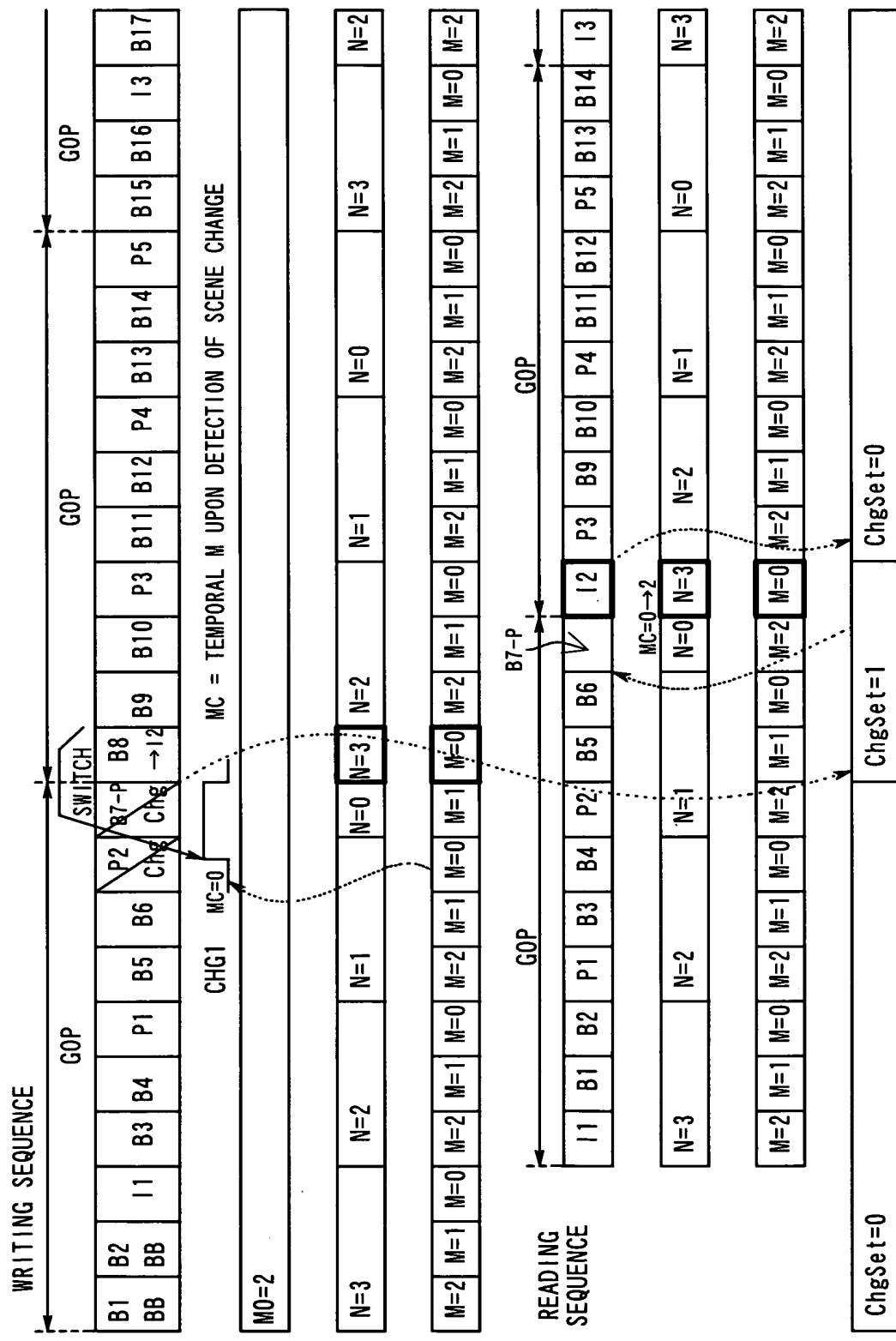


FIG. 22